# VOLUME 70

INDEX OF SUBJECTS AND AUTHORS

*Only main topics are listed, and reference is given to the first page of each paper in which they are discussed.*


achiasmatic, sex, 7
Adjaye, J., 88
Antezana, M. A., 7
Ariza-McNaughton, L., 89
Ashby, P., 88
Assimacopoulos, S., 27

Ball, S. T., 87
Bandi, C., 1
Barlow, A., 81
Barrett, J., 267
Barton, N. H., 178, 180
Barton, S. C., 87
Beechey, C. V., 87
Bertrand, D., 1
Bird, A. P., 82
Blair, H., 85
*Blattabacterium* spp., 1
Bolton, V., 88
book reviews, 91, 175, 267
books received, 95, 185, 273
Bourguet, D., 195
Boyd, Y., 84, 85
Bradley, A., 89
Brockdorff, N., 79
Brown, S. D. M., 85
Bünger, L., 85
Burgoyne, P. S., 80
Bussoli, T., 84

*C. elegans II*. Riddle D. L. et al. (eds) – book review, 176
Camussi, A., 205
carbonic anhydrase 1 (CA1)., 84
Cattanach, B. M., 87
caudal type homeobox protein CDX2, 84
Charlesworth, B., 27, 63, 155
Charlesworth, D., 63, 143, 155
Chevalet, C., 53
Chevillon, C., 195
Christians, E., 79
Cobb, S., 83
*Coleomegilla maculata* parasites, 1
Conn, C., 86
Copp, A. J., 88
*Correcting the blueprint of life – an historical account of the discovery of DNA repair mechanisms*. E. C. Friedberg – book review, 93
Coulson, A. F. C., 176
Cox, D., 88
Cozzi, J., 86
CpG islands in chickens, 82
Culex pipiens insecticide resistance genes, 195

Daniels, R., 88
David, P., 215
de Jong, G., 35
de Moed, G. H., 35
Delay, B., 215
deleterious alleles and fitness variance, 105
Delhanty, J. D. A., 86
*Drosophila melanogaster*,
  amylase activity, 97
  body size, 35
  deleterious alleles and fitness variance, 105
  *P* element, 75
*Drosophila virilis*, 185
Drummond, F., 84

Edwards, Y. H., 82, 84
Ehrmann, I., 80, 81
Ellis, P., 80, 81
Evans, M. J., 270
Eyre-Walker, A., 269

Fincham, J. R. S., 93
Fisher, A. G., 83
Fisher, G., 87
fitness variance and deleterious alleles, 105
fixation of alleles, 63
Fleming, J., 85
folate and the fetus, 83
Fu, Y-B., 143

Gavin, M., 81
gene repetitive regions, 82
genetic diversity and subdivided populations, 155
*Genetic Instability in Cancer. Cancer Surveys, vol 28*. T. Lindahl (ed) – book review, 175
*Genomic Potential of Differentiated Cells*. M. A. Diberardino. – book review, 270
Gerrelli, D., 88
Glenister, P. H., 84
Goffinet, B., 259
Gomez, S. P., 75
Gormally, E., 85
Goto, T., 79
Graf, D., 83
Greene, N., 88
Greenfield, A., 80
Guillot, P.-G., 84

Halai, C., 88
Hammarton, T. C., 1
Hancock, J. M., 82
Handler, A. M., 75
Hardy, K., 86
Harmar, A. J., 87
Harper, J., 86
Hastings, I. M., 135
Heath, S. C., 125
Henderson, D. J., 88
Hennessy, R., 83
Hey, J., 185
Hill, W. G., 85, 91, 117, 135
Hilton, H., 185

Hobart, M. J., 82
Hoeijmakers, J. H. J., 175
Hopkinson, D. A., 82
Houle, D., 27
Hudson, R. R., 7
Hughes, D., 85
Hughes, K. A., 27
Hultén, M. A., 81
human,
  chromosome imbalance in oocytes, 86
  craniofacial growth, 83
  insulin-like growth factor family, 86
  phosphoglucomutase-1 (PGM1), 82
  preimplantation gene expression, 88
  spermatocyte cytogenetics, 81
Hurst, G. D. D., 1

Ishino, F., 87

Jansen, J., 237
Jarne, P., 215
John, R. M., 87
Johnston, C., 79

Keightley, P. D., 117, 125
Kelly, A., 84
Keohane, A. M., 80
Kerscher, S., 84
Kiernan, B. W., 85
Kikyo, N., 87
Koopman, P., 80
Krumlauf, R., 89

Lighten, A. D., 86
linkage analysis in an outbreeding plant species, 237
Lumsden, A., 89
Lutz, E. M., 87
Lyon, M. F., 84

Majerus, M. E. N., 1
Majerus, T. M. O., 1
Maliepaard, C., 237
Mamallian Genetics and Development Workshop (7th), 79
Mardon, H., 83
marginal dominance of viability loci, 143
Martin, C., 268
Martin, E. R., 87
Matsuo, Y., 97
Mazeyrat, S., 81
McCabe, V., 79
McQueen, H. A., 82
Merkenschlager, M., 83
metabolic rate, feed intake and fatness, 225
*Methods for Risk Assessment of Transgenic Plants. II Pollination, Gene Transfer and Population Impacts*. G. Kjellsson et al. – book review, 267
Michel, R., 195
Mitchell, M., 80, 81
Mittwoch, U., 86
*Molecular Evolution*. W.-L. Li – book review, 269
Monk, M., 79, 88
Moody, D. E., 225
Moore, G. E., 86
Morrison, K., 84
mouse,
  body weight, fat content and testosterone, 135
  Bronx Waltzer (*bv*), 84
  chromosome 2, 87
  chromosome pairing, 87
  craniorachischisis, 88
  doublefoot (*Dbf*), 84
  fat content, body weight and testosterone, 135
  H-Y epitopes, 80, 81
  histone acetylation, 80
  *Hoxb-1*, 89
  leptin, 85
  loop-tail, 88
  metabolic rate, feed intake and fatness, 225
  *Myf5*, 88
  PACA, 87
  QTL for body weight, 117, 125
  *Smcy*, 80
  spermatocyte cytogenetics, 81
  Splotch$^{2H}$ (*Pax3*), 88
  testosterone, fat content and body weight, 135
  whirler (*wi*), 85
  X chromosome and QTL, 117, 125
  *Xist*, 79
  X$^{Y}$*O males, 80
Muller's ratchet, 63
Muranty, H., 259
*Mutants of Maize*. M. G. Neuffer et al. – book review, 268
mutation, spontaneous, 27

Namkoong, G., 45, 143
*Natural Hybridization and Evolution*. M. L. Arnold – book review, 178
*Natural selection and Patrick Matthew – evolutionary concepts in the nineteenth century*. W. J. Dempster – book review, 92
*Ne* of a partly asexual plant species, 251
Newall, A., 79
Nielsen, M. K., 225
Nordborg, M., 155
Norris, D. P., 79

O'Higgins, P., 83
O'Neill, L., 80
Odorisio,T., 80

Paige, A. J. W., 85
parent identification, 53
Pasteur, N., 195
PCR primer tags, 82
Peters, J., 87
*Picea abies* Karst, molecular profile, 205
Pomp, D., 225
Pope, J., 83

quantitative trait loci, 27, 259
Quinney, R., 84

Rance, K. A., 117, 125
Rastan, S., 79
Redman, C., 83
Reeve, E. C. R., 176
Rigby, P. W. J., 88
Robertson, F. W., 92
Rodriguez, T., 80
Rogers, M., 85
Rousset, F., 195

Sancristobal, M., 53
Santi, F., 259
Santos, M., 105
Scharloo, W., 35
Scott, D., 80, 81
selection, density dependent, 45
selective genotyping and QTL, 259
*Sequence Data Analysis Guidebook. Methods in Molecular Biology, Vol 70*. S. R. Swindell (ed) – book review, 176
sex, achiasmatic, 7
Sheardown, S. A., 79
Sheward, W. J., 87
Sim, E., 83
Simpson, E., 80, 81
Siriaco, G., 82
Smelt, V., 83
Sowden, J., 84
Spisula ovalis, 215
Steel, K. P., 84, 85
Stefanini, F. M., 205
Studer, M., 89
subdivided populations and genetic diversity, 155
Summerbell, D., 88
Surani, M. A., 87

Tease, C., 87
*The Ecological Detective. Confronting Models with Data.* R. Hilborn and M. Mangel – book review, 180
*The evaluation of forensic DNA evidence.* – book review, 91
Turner, B., 80

Uwechue, I., 85

van Coller, L., 45
van Ooijen, J. W., 237
Varela, A., 85
viability loci and marginal dominance, 143

Whitehouse, D. B., 82
Williamson, C. M., 87
Winston, R. M. L., 86

Yamazaki, T., 97
Yee, S.-P., 88
Yip, S. P., 82
Yonezawa, K., 251